

RAW SEQUENCE LISTING

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Information Center (STIC) no errors detected.**

Application Serial Number: 10/009,062A
Source: 1600
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1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/009,062A

DATE: 02/13/2006

TIME: 14:45:29

Input Set : A:\NEU-120.P.1, Sequence Listing FILED, MS, 1-23-06.txt
 Output Set: N:\CRF4\02132006\J009062A.raw

5 <110> APPLICANT: Viney, Joanne L.
 7 Sims, John E.
 9 DuBose, Robert F.
 11 Hasel, Karl W.
 13 Hilbush, Brian S.
 15 Buchner, Robert R.
 19 <120> TITLE OF INVENTION: Gene Expression Modulated In Gastrointestinal Inflammation
 23 <130> FILE REFERENCE: 99,104-A
 C--> 27 <140> CURRENT APPLICATION NUMBER: US/10/009,062A
 C--> 29 <141> CURRENT FILING DATE: 2001-12-06
 33 <150> PRIOR APPLICATION NUMBER: 60/138,487
 35 <151> PRIOR FILING DATE: 1999-06-12
 39 <160> NUMBER OF SEQ ID NOS: 129
 43 <170> SOFTWARE: PatentIn version 3.1
 47 <210> SEQ ID NO: 1
 49 <211> LENGTH: 270
 51 <212> TYPE: DNA
 53 <213> ORGANISM: Mus musculus
 57 <220> FEATURE:
 59 <221> NAME/KEY: misc_feature
 61 <223> OTHER INFORMATION: IMX2_4
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 70 tgctgtgtt gttcttagat agggtctcac tgttagccc tggctttct ggaactca 180
 72 gttagagca agccagcctc aaactcatag atccacctgc ctctgcctcc agatcgccag 240
 74 aattaaagtt actgccataa caccaaaaaa 270
 77 <210> SEQ ID NO: 2
 79 <211> LENGTH: 964
 81 <212> TYPE: DNA
 83 <213> ORGANISM: Mus musculus
 87 <220> FEATURE:
 89 <221> NAME/KEY: misc_feature
 91 <223> OTHER INFORMATION: IMX2_4 Extended Sequence
 95 <400> SEQUENCE: 2
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 100 tccctgagcc tggctggagc tgtgctgttc tcagggctgg tggccatcac agtgcgtgt 180
 102 agaaaagcta aagccaaaaa cttacagaag cagagagagc gtgaatcctg ctgggctcag 240
 104 atcaacttca ccaatacaga catgtcctt gataactctc tgtttgcata ctccacgaaa 300
 106 atgactcagg aagactcagt ggcacccctt gactcaggcc ctcggaaagag gcccacctct 360
 108 gcatcatctt ctccggagcc ccctgagttc agcaacttcc gggcctgcca gtgaggctga 420
 110 cgaatgagga ccactttatc cagttccttc cctccactg ccagaggctg cacatctgtc 480

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112	cagagacttg	gcagtggagg	taggggg	gtggaaatca	agccatagct	ttcttaggga	540
114	agcaactggcc	aaaggaaggg	gactcctaga	gtttaacct	tcctcacaga	agacaagaaa	600
116	atgagttggg	gtatcagcct	caggctagac	agagagccag	aacctctca	cagattccca	660
118	gatcaccgga	gaagtcacta	ttgaatccgg	acacccagtc	aggcacaaga	ggtctacatt	720
120	ctctaactcc	tttccagtgc	ttccccaacg	gtcacttact	tccagactgc	gtgtttatt	780
122	tttaggagag	atgtgtatat	tttttgttgc	tgttgggtt	tctagatagg	gtctcactgt	840
124	gtagccctgg	cttttctgga	actcaactgtg	tagagcaagc	cagcctcaaa	ctcatagatc	900
126	cacctgcctc	tgcctccaga	tcgctagaat	taaagttact	gccataacac	ctaaaaaaaaa	960
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156	ctaccccaa	aa					192
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182	tagtggtcat	gacatgacct	tatctccaa	taaacttgac	tttagtcttg	tcatcctgaa	180
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217	<213> ORGANISM: Mus musculus						
221	<220> FEATURE:						
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Output Set: N:\CRF4\02132006\J009062A.raw

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232 cagatccaca gggtaacctcc ctgagatatac tgacattgtt ccatttctgt cccaaataa 120
234 aagacagagc aaaaa 135
237 <210> SEQ ID NO: 7
239 <211> LENGTH: 474
241 <212> TYPE: DNA
243 <213> ORGANISM: Mus musculus
247 <220> FEATURE:
249 <221> NAME/KEY: misc_feature
251 <223> OTHER INFORMATION: IMX2_36 Extended Sequence
255 <400> SEQUENCE: 7
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258 gtgacttgggt gttgaactcg ctgattgcc tggctgtta ctctctggc cgctctggct 120
260 cccgaggtca agggacagcg gaagggaccc ggaaacaaca cattgctgag actgagtcgc 180
262 cttatcaggta gcttcagggt cagagaccag aagtatacag tgacctaacc acacagaggc 240
264 aatattacag atgagccac tctatgccca tcagcggcct gatgcccggaa tccggtcatt 300
266 ccagatgcct actcaacaag ccctctctgg gatcaggact cccgttggaa tacagatcca 360
268 cagggtacct ccctgagata tctgacatttgc taccattttct gtccccaaat aaaagacaga 420
270 gaaaaaaaaaaaaaaa aaaaaaaaaaaaaaaa aaaaaaaaaaaa aaaggcggc cgca 474
273 <210> SEQ ID NO: 8
275 <211> LENGTH: 221
277 <212> TYPE: DNA
279 <213> ORGANISM: Mus musculus
283 <220> FEATURE:
285 <221> NAME/KEY: misc_feature
287 <223> OTHER INFORMATION: IMX2_43
291 <400> SEQUENCE: 8
292 cggccaaacc tactcagggtt gcaaaggact tatgtgactt atgtgactgt agaaaaaaga 60
294 gaaatgagtg atcatcctgt ggctactagc agattccac tgtccccaga ccagtcggca 120
296 gtttttgaag gaagtatatg aaaactgtgc ctcagaagcc aatgacagggaa caccatgactt 180
298 ttttttcta agtcaaataa acaatataatt gaacagaaaaa a 221
301 <210> SEQ ID NO: 9
303 <211> LENGTH: 1377
305 <212> TYPE: DNA
307 <213> ORGANISM: Mus musculus
311 <220> FEATURE:
313 <221> NAME/KEY: misc_feature
315 <223> OTHER INFORMATION: IMX2_43 Extended sequence
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322 cctctctgccc agtataatg ggtcctgcgt ggtcctgtat aacatctaca cctccgacat 120
324 cttggaaatc agcaactatgg ctaacgttc tgggtgggat gtaacctata cagtgcacgtt 180
326 ccccgtaac gatcagtca gtgcgtgtat cctgaaagca gtgaaggagg acgacagccc 240
328 agtgggcacc tggagtggaa catatgagaa gtgcaacgc acgagtgtct actataactt 300
330 gacatccccaa agccagtccg tcttccagac aaactggaca gttcctactt ccgaggatgt 360
332 gactaaagtc aacctgcagg tcctcatcgt cgtcaatcgc acagcctcaa agtcatccgt 420
334 gaaaatggaa caagtacaac cctcagcctc aaccctatt cctgagagtt ctgagaccag 480

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336	ccagaccata aacacgactc caactgtgaa cacagccaag actacagcca aggacacagc	540
338	caacaccaca gccgtgacca cagccaatac cacagccaat accacagccg tgaccacagc	600
340	caagaccaca gccaaaagcc tggccatccg cactctccg agccccctgg caggtgccct	660
342	ccatatcctg cttgttttc tcattagtaa actctcttc taaagaaaac tgggaagaca	720
344	gatctccaaac ctccaggta tcctcccgag ctcatttcg gccagtgcctt aaacataccc	780
346	gaatgaaggt tttatgtcct cagtcgcag ctccaccacc ttggaccaca gacctgcaac	840
348	actagtgcac ttgagggata caaatgctt cctggatct tcagggcaca aattccgctt	900
350	cttgtaaata cttagtccat ccattcctcg tgtaacctga agttctgact ctcagttaa	960
352	cctgttgaca gccaaatctga acttgtgtt cttgccaaag gtattccat gagcctcctg	1020
354	gggtgtgggg tggggaggga atgatcctc tttacttca aactgatttc agatttctgg	1080
356	ccaaacctac tcaggttgca aaggacttat gtgactttag tgactgtagg aaaaagagaa	1140
358	atgagtgatc atcctgtggc tactagcaga tttccactgt gcccagacca gtccgttaggt	1200
360	tttgaaggaa gtatatgaaa actgtgcctc agaagccaat gacaggacac atgactttt	1260
362	ttttctaagt caaataaaaca atatattgaa caagaaaaaaaaaaaaaaaaaaaaaaaa	1320
364	aaaaaaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa	1377
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369	<211> LENGTH: 407	
371	<212> TYPE: DNA	
373	<213> ORGANISM: Mus musculus	
377	<220> FEATURE:	
379	<221> NAME/KEY: misc_feature	
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388	gcctcagcgt ccccccgttc tccgcaggta cttgaagctc cttggcccca caccggatct	120
390	ctgaagatga gctgtgaata cgtgagctt ggctaccagg ctgctgtcaa ccttggaaagac	180
392	cctgattcag atgattacat caatattcct gaccatctc atctccctag ctatgccccca	240
394	ggggccagat cttcatgcca atgagttctg cctgtttctg gatgtcttagc acgtttcct	300
396	tataggatcc ctgtcatggc gtatgtccta taccctaagt cgactctcac ctgactatct	360
398	gaatgcctt agaatgatca attacaggct aattttcac caaaaaaaaaaaaaaa	407
401	<210> SEQ ID NO: 11	
403	<211> LENGTH: 655	
405	<212> TYPE: DNA	
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424	ggcgcgctcg cagaacaacg tctacagcgc ctggcccccgg cgccgacggg gaccagacag	180
426	cttgggtcca gcggaggctc cgctcctcaa cgcccccagcc tcagcgtccc cccgttctcc	240
428	gcaggtactt gaagtcctt gggccacac cccatctctg aagatgagct gtgaatacgt	300
430	gagcttgggc taccagctg ctgtcaacct ggaagaccct gattcagatg attacatcaa	360
432	tattcctgac ccatctcatac tccctagcta tgccccaggccc cccagatctt catgccaatg	420
434	agttctgcct gtttgcgtat gtctagcagc ttttccttat aggatccctg tcatggcgta	480
436	tgtcctatac cctaagtgcg ctctcacccg actatctgaa tgccttggataa atgatcaatt	540
438	acaggctaat tttcacccca attgaaggccc cctgcattca ttgcgagag ttctggataa	600
440	gacgtgcaga acattcaaaa aaaaaaaaaaaa aaaaaaaaaaaa aaaaagtatg cggcc	655

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443 <210> SEQ ID NO: 12
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466 ttcaagaaca tccagagctt gagtgtgacg ccccccaggac cccaytgcgc ccagacagaa 180
468 gtcatagcca ctctcaaggg cggtaaaaaa gtttgccttg accctgaagc cccctgggt 240
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481 <213> ORGANISM: Mus musculus
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487 <221> NAME/KEY: misc_feature
489 <223> OTHER INFORMATION: IMX2_55
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498 tcactctagg acaagagcag gattcctatg gggaaattt tgatgcaaag caatcctttg 180
500 ttggggagat atggatgtt tccttggg accatgtggt cccctagaa aaggtatcag 240
502 acagctgtaa caatggcaac cttataaact ggcaagctct taattatgaa gacaatggct 300
504 atgtggtgcac taagccaaa ctgtggcctt aagctaattt ctctatgaaa tataagtctg 360
506 cttttggttc tggtaaaaatg ataatgtgca ttgcattaaa aaagcaaaga aaaa 414
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511 <211> LENGTH: 797
513 <212> TYPE: DNA
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521 <221> NAME/KEY: misc_feature
523 <223> OTHER INFORMATION: IMX2_55 Extended sequence
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532 gtccctgata ccgaagggtga ggaagtcaact gcagaacttc actctgtgtt tgaaggcctt 180
534 cacagacctg acacgcctt acagcatctt ctcctacaac acaagaacta aggacaatga 240
536 gattcttctc tttgtggaaa atataggaga atacatgttca tatgttgggaa atttggtagc 300
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540 tgtctctggg attgcagaat tctggctgaa tggaaaacca ctggggagga aagtttgaa 420
542 taaggatatac acgggtgggg gtgatgcaat gatcattata ggacaagagc aggattcctt 480
544 tggggaaaat ttgtatgcaa agcaatcctt tggggggag atatggatg tttccttgg 540
546 ggaccatgtg gtcccccctag aaaaggtatc agacagctgt aacaatggca accttataaaa 600
548 ctggcaagct cttaaattatg aagacaatgg ctatgtgggtt attaagccca aactgtggcc 660
550 ttaagctaat tgctctatga aatataagtc tgctttggc tctgttaaaa tgataatgtg 720

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:16; N Pos. 2,5,48,84,185
Seq#:30; N Pos. 34,48
Seq#:63; N Pos. 47,48
Seq#:65; N Pos. 16
Seq#:67; N Pos. 13,14,15,16

VERIFICATION SUMMARY DATE: 02/13/2006
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L:27 M:270 C: Current Application Number differs, Replaced Current Application Number
L:29 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:652 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
M:341 Repeated in SeqNo=16
L:1110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:0
L:2072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:0
L:2118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:0
L:2164 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0